

	A	B	C	D	E	F	G	H	I
1	ND & Less than ND = 1/2 MDL	Sample Start Date	13-Nov-18	16-Nov-18	19-Nov-18	23-Nov-18	25-Nov-18	28-Nov-18	1-Dec-18
2	Rolling average from 11/13/18 to present	Sample End Date	14-Nov-18	17-Nov-18	20-Nov-18	24-Nov-18	26-Nov-18	29-Nov-18	2-Dec-18
3	SAMPLENAME	Rolling avg ($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)						
4	Gower ES	0.277		0.164	0.202	0.411	0.474	0.464	
5	Gower MS	0.339		0.155	0.197	0.360	0.656	0.140	
6	Hinsdale South HS	0.336		0.253		0.665	0.376	0.629	
7	Watertower	1.01		0.246	0.893		0.699	0.0409	
8	WB Village Hall	2.26	0.824	6.21	0.284	4.10	1.83	1.79	
9	WB Warehouse	2.39	2.37	1.81	6.62	0.180		0.694	0.456
10	West Neighborhood	0.484		0.125	0.205	0.261	0.041	0.804	
11	Willow Pond Park	0.364		0.105	0.286	0.345	0.455	0.211	
12									
13	Average RPD for collocates =	14.2%	NA	0.0%	3.2%	NA	NA	129%	12.0%
14	Average CV for collocates =	10.0%	NA	0.0%	2.3%	NA	NA	91.0%	8.5%
15									
16	Collocate criteria ± 25 RPD for compounds >5 times the MDL = NA								
17	Not Applicable =	NA							
18									
19	Relative Percent Difference =	RPD							
20									
21	METHOD DETECTION LIMIT								
22	Method detection limit (ppbv) = 0.0453	0.0453							
23	Method detection limit ($\mu\text{g}/\text{m}^3$) =	0.0819							
24	1/2 Method detection limit ($\mu\text{g}/\text{m}^3$) =	0.0409							
25									
26	Mol. Weight	44.1							
27	Factor	1.81							

	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	6-Dec-18	7-Dec-18	10-Dec-18	13-Dec-18	16-Dec-18	19-Dec-18	22-Dec-18	26-Dec-18	28-Dec-18	2-Jan-19	3-Jan-19	6-Jan-19	9-Jan-19
2	7-Dec-18	8-Dec-18	11-Dec-18	14-Dec-18	17-Dec-18	20-Dec-18	23-Dec-18	27-Dec-18	29-Dec-18	3-Jan-19	4-Jan-19	7-Jan-19	10-Jan-19
3	($\mu\text{g}/\text{m}^3$)												
4	0.0409	0.164	0.138	0.401	0.732	0.311	0.360	0.497	0.133	0.210	0.6326	0.249	
5	0.605	0.112	0.0409	0.255	0.593	0.360	0.522	0.0409	0.175	0.0409	0.041	0.0409	0.354
6	0.486	0.0409	0.213	0.244	0.511	0.267	0.376	0.566	0.264	0.0409	0.4283	0.249	0.295
7	0.389	0.273	0.248	0.211	0.535	1.67	0.441	0.151		0.0409	0.041	0.0409	0.0409
8	5.39	0.780	0.302	2.09	0.871	0.429	0.981	10.7	0.672	0.251	0.314	7.10	3.81
9	11.1	2.26	0.336	0.436	2.15	0.345	2.83		1.31	0.316	0.041	0.0409	0.685
10	0.254	0.0409	0.213	1.06	0.604	0.197	0.235	1.17	0.0409	0.0409	0.0409	1.56	0.115
11	0.041	0.403	0.0409	0.365	0.334	0.546	0.116	0.166	0.0409	0.217	0.0409	0.0409	0.219
12													
13	10.9%	10.9%	NA	4.3%	3.4%	NA	18.5%	2.9%	18.0%	NA	NA	13.7%	NA
14	7.7%	7.7%	NA	3.1%	2.4%	NA	13.1%	2.0%	12.7%	NA	NA	9.7%	NA
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	12-Jan-19	15-Jan-19	17-Jan-19	22-Jan-19	24-Jan-19	27-Jan-19	1-Feb-19	2-Feb-19	5-Feb-19	8-Feb-19	11-Feb-19	14-Feb-19	19-Feb-19
2	13-Jan-19	16-Jan-19	18-Jan-19	23-Jan-19	25-Jan-19	28-Jan-19	2-Feb-19	3-Feb-19	6-Feb-19	9-Feb-19	12-Feb-19	15-Feb-19	20-Feb-19
3	($\mu\text{g}/\text{m}^3$)												
4	0.237	0.0409	0.0409	0.598	0.0947	0.293	0.157	0.215	1.38	0.202	0.398	0.0409	0.0409
5	0.0409	0.918	1.66	0.349	0.0409	0.155	0.101	0.371	3.29	0.439	0.114	0.286	0.202
6	0.264	0.239	0.134	0.349	0.0409	3.29	0.322	0.131	0.237	0.347	0.309	0.258	0.162
7	0.307	0.0409	0.316	10.8	0.0821	1.75	9.49	7.48	0.208	0.233	0.0409	0.495	0.222
8	1.61	0.672	0.554	1.51	0.210	19.3	0.918	0.383	16.4	0.725	4.35	0.178	0.218
9	0.0409	14.3	13.1	4.08	0.280	1.18	0.133	0.239	26.4	4.67	0.0409	0.677	0.150
10	0.727	0.119	0.151	1.07	0.0409	1.65	0.129	0.160	5.35	0.275	1.32	0.0409	0.298
11	0.0409	0.107	0.144	2.21	0.114	0.813	3.71	1.40	0.174	0.213	0.0886	0.244	0.0409
12													
13	5.1%	0.6%	13.4%	1.3%	NA	13.1%	7.9%	9.8%	10.5%	15.9%	17.0%	20.0%	NA
14	3.6%	0.4%	9.5%	0.9%	NA	9.3%	5.6%	6.9%	7.4%	11.2%	12.1%	14.2%	NA
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV
1	20-Feb-19	21-Feb-19	22-Feb-19	23-Feb-19	26-Feb-19	1-Mar-19	4-Mar-19	7-Mar-19	10-Mar-19	13-Mar-19	16-Mar-19	19-Mar-19	22-Mar-19
2	21-Feb-19	22-Feb-19	23-Feb-19	24-Feb-19	27-Feb-19	2-Mar-19	5-Mar-19	8-Mar-19	11-Mar-19	14-Mar-19	17-Mar-19	20-Mar-19	23-Mar-19
3	($\mu\text{g}/\text{m}^3$)												
4	0.148				0.0409	0.145	0.124	0.0307	0.0974	0.394		0.215	
5	0.0409			0.164	0.0409	0.0409	0.0409	0.0925	0.171	0.246		0.0815	
6	0.0409			0.282	0.188	0.125	0.122	0.0307	0.102	0.139		0.0824	
7	0.0409			0.179	0.0844	0.142	0.0409	0.165	0.0808	0.219		0.0793	
8	0.260	0.144	0.170	0.128	0.103	0.0409	0.101	0.0990	0.221	0.204		0.136	
9	0.178	0.0409	0.121	0.0867	0.119	0.124	0.0409	0.0903	0.0754	0.181		0.0562	
10	0.0409			0.165	0.114	0.0409	0.113	0.112	0.201	0.195		0.0374	
11	0.111			0.171	0.0409	0.148	0.108	0.122	0.244	0.147		0.206	
12													
13	NA	0.0%	NA										
14	NA	0.0%	NA										
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													

	AW	AX	AY	AZ	BA	BB	BC	BD	BE
1	25-Mar-19	28-Mar-19	31-Mar-19	3-Apr-19	6-Apr-19	9-Apr-19	12-Apr-19	15-Apr-19	18-Apr-19
2	26-Mar-19	29-Mar-19	1-Apr-19	4-Apr-19	7-Apr-19	10-Apr-19	13-Apr-19	16-Apr-19	19-Apr-19
3	($\mu\text{g}/\text{m}^3$)								
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									

	A	B	C	D	E	F	G	H	I
1		Sample Start Date	13-Nov-18	16-Nov-18	19-Nov-18	23-Nov-18	25-Nov-18	28-Nov-18	1-Dec-18
2		Sample End Date	14-Nov-18	17-Nov-18	20-Nov-18	24-Nov-18	26-Nov-18	29-Nov-18	2-Dec-18
3	SAMPLENAME		(ppbv)						
4	Gower ES	REPORTED VALUES REPORTED IN PPBV	--	--	0.0907	0.112	0.228	0.262	0.257
5	Gower MS		--	--	0.0860	0.109	0.199	0.363	0.0776
6	Hinsdale South HS		--	--	0.140	Invalid	0.368	0.208	0.348
7	Watertower		--	--	0.136	0.494	Invalid	0.387	ND
8	WB Village Hall		Invalid	0.456	3.38	0.157	2.27	1.01	0.931
9	WB Warehouse		1.31	1.00	3.66	0.0994	Invalid	0.137	0.252
10	West Neighborhood		--	--	0.0691	0.114	0.145	ND	0.445
11	Willow Pond Park		--	--	0.0580	0.158	0.191	0.252	0.117
12									
13	Gower ES C2	REPORTED VALUES REPORTED IN PPBV	--	--	--	--	--	--	--
14	Gower MS C2		--	--	--	--	--	--	--
15	Hinsdale South HS C2		--	--	--	--	--	--	--
16	Watertower C2		--	--	--	--	--	--	--
17	WB Village Hall C2		--	--	3.49	--	--	--	1.05
18	WB Warehouse C2		--	1.00	--	Invalid	Invalid	0.631	--
19	West Neighborhood C2		--	--	--	--	--	--	--
20	Willow Pond Park C2		--	--	--	--	--	--	--
21									
22									
23			($\mu\text{g}/\text{m}^3$)						
24	Gower ES	REPORTED VALUES REPORTED IN $\mu\text{g}/\text{m}^3$	--	--	0.164	0.202	0.411	0.474	0.464
25	Gower MS		--	--	0.155	0.197	0.360	0.656	0.140
26	Hinsdale South HS		--	--	0.253	Invalid	0.665	0.376	0.629
27	Watertower		--	--	0.246	0.893	Invalid	0.699	ND
28	WB Village Hall		--	0.824	6.11	0.284	4.10	1.83	1.68
29	WB Warehouse		2.37	1.81	6.62	0.18	Invalid	0.248	0.456
30	West Neighborhood		--	--	0.125	0.205	0.261	ND	0.804
31	Willow Pond Park		--	--	0.105	0.286	0.345	0.455	0.211
32									
33	Gower ES C2	REPORTED VALUES	--	--	--	--	--	--	--
34	Gower MS C2		--	--	--	--	--	--	--
35	Hinsdale South HS C2		--	--	--	--	--	--	--
36	Watertower C2		--	--	--	--	--	--	--

	A	B	C	D	E	F	G	H	I
37	WB Village Hall C2	REPORTED IN µg/m3	--	--	6.31	--	--	--	1.90
38	WB Warehouse C2		--	1.81	--	Invalid	Invalid	1.14	--
39	West Neighborhood C2		--	--	--	--	--	--	--
40	Willow Pond Park C2		--	--	--	--	--	--	--
41									
42									
43									
44									
45	ND & Less than ND = 1/2 MDL		0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409
46		Rolling avg							
47	SAMPLENAME	(µg/m ³)							
48	Gower ES	0.277			0.164	0.202	0.411	0.474	0.464
49	Gower MS	0.339			0.155	0.197	0.360	0.656	0.140
50	Hinsdale South HS	0.336			0.253		0.665	0.376	<u>0.629</u>
51	Watertower	1.01			0.246	0.893		0.699	0.0409
52	WB Village Hall	2.29		0.824	6.11	0.284	4.10	1.83	1.68
53	WB Warehouse	2.44	2.37	1.81	6.62	0.1797		0.248	0.456
54	West Neighborhood	0.484			0.125	0.205	0.261	0.0409	<u>0.804</u>
55	Willow Pond Park	0.364			0.105	0.286	0.345	0.455	0.211
56									
57	Gower ES C2	#DIV/0!							
58	Gower MS C2	#DIV/0!							
59	Hinsdale South HS C2	#DIV/0!							
60	Watertower C2	#DIV/0!							
61	WB Village Hall C2	2.66			6.31				1.90
62	WB Warehouse C2	2.21		1.81					1.14
63	West Neighborhood C2	#DIV/0!							
64	Willow Pond Park C2	#DIV/0!							
65									
66	RPD between Samples & Collocate			RPD	RPD	RPD	RPD	RPD	RPD
67	SAMPLENAME			RPD	RPD	RPD	RPD	RPD	RPD
68									
69	Gower ES C2	#DIV/0!	--	--	--	--	--	--	--
70	Gower MS C2	#DIV/0!	--	--	--	--	--	--	--
71	Hinsdale South HS C2	#DIV/0!	--	--	--	--	--	--	--
72	Watertower C2	#DIV/0!	--	--	--	--	--	--	--

	A	B	C	D	E	F	G	H	I
73	WB Village Hall C2	9.2%	--	--	3.2%	NA	--	--	12.0%
74	WB Warehouse C2	20.0%	--	0.0%	--	--	--	129%	--
75	West Neighborhood C2	#DIV/0!	--	--	--	--	--	--	--
76	Willow Pond Park C2	#DIV/0!	--	--	--	--	--	--	--
77	Average RPD for collocates =	14.8%	NA	0.0%	3.2%	NA	NA	129%	12.0%
78	Average CV for collocates =	10.5%	NA	0.0%	2.3%	NA	NA	91.0%	8.5%
79									
80	Collocate criteria ±25 RPD for compounds >5 times the MDL = NA								
81	No sample rec'd in lab =	---							
82	Sample Was Invalid =	Invalid							
83	Nondetect =	ND							
84	Not Applicable =	NA							
85	<i>Italicized</i> =	Under the MDL							
86	Bold =	Diluted							
87	Underlined =	Co-eluter							
88									
89	Relative Percent Difference =	RPD							
90		= [(C1-C2)/(average (C1,C2)] x 100							
91	C1 =	Primary Sample							
92	C2 =	Collocated Sample							
93	METHOD DETECTION LIMIT								
94		2018							
95	Method detection limit (ppbv) = 0.0453	0.0453							
96	Method detection limit ($\mu\text{g}/\text{m}^3$) =	0.0819							
97	1/2 Method detection limit ($\mu\text{g}/\text{m}^3$) =	0.0409							
98	Method detection limit x 5 ($\mu\text{g}/\text{m}^3$) =	0.4094							
99		2019	Inst 1	Inst 4					
100	Method detection limit (ppbv) = 0.0366 or 0.0614	0.0614	0.0366						
101	Method detection limit ($\mu\text{g}/\text{m}^3$) =	0.111	0.0662						
102	1/2 Method detection limit ($\mu\text{g}/\text{m}^3$) =	0.0555	0.0331						
103	Method detection limit x 5 ($\mu\text{g}/\text{m}^3$) =	0.555	0.331						
104	Mol. Weight	44.1							
105	Factor	1.81							

	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	6-Dec-18	7-Dec-18	10-Dec-18	13-Dec-18	16-Dec-18	19-Dec-18	22-Dec-18	26-Dec-18	28-Dec-18	2-Jan-19	3-Jan-19	6-Jan-19	9-Jan-19
2	7-Dec-18	8-Dec-18	11-Dec-18	14-Dec-18	17-Dec-18	20-Dec-18	23-Dec-18	27-Dec-18	29-Dec-18	3-Jan-19	4-Jan-19	7-Jan-19	10-Jan-19
3	(ppbv)												
4	ND	0.0909	0.0766	0.222	0.405	0.172	0.199	0.275	0.0734	0.116	0.350	0.138	Invalid
5	0.335	0.0622	ND	0.141	0.328	0.199	0.289	ND	0.0970	ND	ND	ND	0.196
6	0.269	ND	0.118	0.135	0.283	0.148	0.208	0.313	0.146	ND	0.237	0.138	0.163
7	0.215	0.151	0.137	0.117	0.296	0.925	0.244	0.0835	Invalid	ND	ND	ND	ND
8	2.98	0.408	0.167	1.13	0.482	0.288	0.543	5.99	0.372	0.139	0.206	4.20	2.11
9	6.48	1.25	0.149	0.241	1.17	0.191	1.71	Invalid	0.788	0.131	ND	ND	Invalid
10	0.140	ND	0.118	0.589	0.334	0.109	0.130	0.649	ND	ND	ND	0.865	0.0634
11	ND	0.223	ND	0.202	0.185	0.302	0.0641	0.0916	ND	0.120	ND	ND	0.121
12													
13	--	--	--	--	--	--	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--	--	--	--	--	--	--
17	--	0.455	--	1.18	--	0.187	--	5.82	--	--	0.142	3.66	--
18	5.81	--	0.223	--	1.21	--	1.42	--	0.658	0.219	--	--	0.379
19	--	--	--	--	--	--	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--	--	--	--	--	--	--
21													
22													
23	($\mu\text{g}/\text{m}^3$)												
24	ND	0.164	0.138	0.401	0.732	0.311	0.360	0.497	0.133	0.210	0.633	0.249	Invalid
25	0.605	0.112	ND	0.255	0.593	0.360	0.522	ND	0.175	ND	ND	ND	0.354
26	0.486	ND	0.213	0.244	0.511	0.267	0.376	0.566	0.264	ND	0.428	0.249	0.295
27	0.389	0.273	0.248	0.211	0.535	1.67	0.441	0.151	Invalid	ND	ND	ND	ND
28	5.39	0.737	0.30	2.04	0.871	0.521	0.981	10.8	0.672	0.251	0.372	7.59	3.81
29	11.7	2.26	0.269	0.436	2.11	0.345	3.09	Invalid	1.42	0.237	ND	ND	Invalid
30	0.254	ND	0.213	1.06	0.604	0.197	0.235	1.17	ND	ND	ND	1.56	0.115
31	ND	0.403	ND	0.365	0.334	0.546	0.116	0.166	ND	0.217	ND	ND	0.219
32													
33	--	--	--	--	--	--	--	--	--	--	--	--	--
34	--	--	--	--	--	--	--	--	--	--	--	--	--
35	--	--	--	--	--	--	--	--	--	--	--	--	--
36	--	--	--	--	--	--	--	--	--	--	--	--	--

	J	K	L	M	N	O	P	Q	R	S	T	U	V	
37	--	0.822	--	2.13	--	0.338	--	10.5	--	--	0.257	6.62	--	
38	10.5	--	0.403	--	2.19	--	2.57	--	1.19	0.396	--	--	0.685	
39	--	--	--	--	--	--	--	--	--	--	--	--	--	
40	--	--	--	--	--	--	--	--	--	--	--	--	--	
41														
42														
43														
44														
45	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	
46	<hr/>													
47	($\mu\text{g}/\text{m}^3$)													
48	0.0409	0.164	0.138	0.401	0.732	0.311	0.360	0.497	0.133	0.210	0.6326	0.249		
49	0.605	0.112	0.0409	0.255	0.593	0.360	0.522	0.0409	0.175	0.0409	0.041	0.0409	0.354	
50	0.486	0.0409	0.213	0.244	0.511	0.267	0.376	0.566	0.264	0.0409	0.4283	0.249	0.295	
51	0.389	0.273	0.248	0.211	0.535	1.67	0.441	0.151		0.0409	0.041	0.0409	0.0409	
52	5.39	0.737	0.302	2.04	0.871	0.521	0.981	10.8	0.672	0.251	0.3723	7.59	3.81	
53	11.7	2.26	0.269	0.436	2.11	0.345	3.09		1.42	0.237	0.041	0.0409		
54	0.254	0.0409	0.213	1.06	0.604	0.197	0.235	1.17	0.0409	0.0409	0.0409	1.56	0.115	
55	0.0409	0.403	0.0409	0.365	0.334	0.546	0.116	0.166	0.0409	0.217	0.0409	0.0409	0.219	
56	<hr/>													
57														
58														
59														
60														
61		0.822		2.13		0.338		10.5			0.257	6.62		
62	10.5		0.403		2.19		2.57		1.19	0.396			0.685	
63														
64														
65														
66														
67	RPD													
68	<hr/>													
69	--	--	--	--	--	--	--	--	--	--	--	--	--	
70	--	--	--	--	--	--	--	--	--	--	--	--	--	
71	--	--	--	--	--	--	--	--	--	--	--	--	--	
72	--	--	--	--	--	--	--	--	--	--	--	--	--	

	J	K	L	M	N	O	P	Q	R	S	T	U	V
73	--	10.9%	--	4.3%	--	NA	--	2.9%	--	--	NA	13.7%	--
74	10.9%	--	NA	--	3.4%	--	18.5%	--	18.0%	NA	--	--	NA
75	--	--	--	--	--	--	--	--	--	--	--	--	--
76	--	--	--	--	--	--	--	--	--	--	--	--	--
77	10.9%	10.9%	NA	4.3%	3.4%	NA	18.5%	2.9%	18.0%	NA	NA	13.7%	NA
78	7.7%	7.7%	NA	3.1%	2.4%	NA	13.1%	2.0%	12.7%	NA	NA	9.7%	NA
79													
80													
81													
82													
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
101													
102													
103													
104													
105													

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	12-Jan-19	15-Jan-19	17-Jan-19	22-Jan-19	24-Jan-19	27-Jan-19	1-Feb-19	2-Feb-19	5-Feb-19	8-Feb-19	11-Feb-19	14-Feb-19	19-Feb-19
2	13-Jan-19	16-Jan-19	18-Jan-19	23-Jan-19	25-Jan-19	28-Jan-19	2-Feb-19	3-Feb-19	6-Feb-19	9-Feb-19	12-Feb-19	15-Feb-19	20-Feb-19
3	(ppbv)												
4	0.131	ND	ND	0.331	0.0524	0.162	0.0868	0.119	<u>0.764</u>	0.112	<u>0.220</u>	ND	ND
5	ND	0.508	0.919	0.193	0.0423	0.0857	0.0560	0.205	1.82	0.243	0.0630	0.158	0.112
6	0.146	0.132	0.0743	0.193	ND	1.82	0.178	0.0724	0.131	0.192	0.171	0.143	0.0899
7	0.170	ND	0.175	5.99	0.0454	0.967	5.25	4.14	0.115	0.129	ND	0.274	0.123
8	0.866	0.372	<u>0.286</u>	0.838	0.145	10.7	<u>0.528</u>	0.212	9.56	0.401	2.20	0.0983	0.132
9	ND	7.86	7.23	2.27	0.155	0.612	0.0736	0.126	14.6	2.79	ND	<u>0.412</u>	0.0829
10	0.402	0.0660	0.0835	<u>0.590</u>	0.0333	0.913	0.0716	0.0888	2.96	0.152	<u>0.728</u>	ND	0.165
11	ND	0.0594	0.0795	1.22	0.0629	0.450	2.05	0.772	0.0963	0.118	0.0490	0.135	ND
12													
13	--	--	--	--	--	--	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--	--	--	--	--	--	--
17	0.911	--	<u>0.327</u>	--	0.0873	--	<u>0.488</u>	--	8.61	--	2.61	--	0.109
18	--	7.91	--	2.24	--	0.698	--	0.139	--	2.38	--	<u>0.337</u>	--
19	--	--	--	--	--	--	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--	--	--	--	--	--	--
21													
22													
23	($\mu\text{g}/\text{m}^3$)												
24	0.237	ND	ND	0.598	0.0947	0.293	0.157	0.215	1.38	0.202	0.398	ND	ND
25	ND	0.918	1.66	0.349	0.0765	0.155	0.101	0.371	3.29	0.439	0.114	0.286	0.202
26	0.264	0.239	0.134	0.349	ND	3.29	0.322	0.131	0.237	0.347	0.309	0.258	0.162
27	0.307	ND	0.316	10.8	0.0821	1.75	9.49	7.48	0.208	0.233	ND	0.495	0.222
28	1.57	0.672	0.517	1.51	0.262	19.3	0.954	0.383	17.3	0.725	3.98	0.178	0.239
29	ND	14.2	13.1	4.10	0.280	1.11	0.133	0.228	26.4	5.04	ND	0.745	0.150
30	0.727	0.119	0.151	1.07	0.0602	1.65	0.129	0.160	5.35	0.275	1.32	ND	0.298
31	ND	0.107	0.144	2.21	0.114	0.813	3.71	1.40	0.174	0.213	0.0886	0.244	ND
32													
33	--	--	--	--	--	--	--	--	--	--	--	--	--
34	--	--	--	--	--	--	--	--	--	--	--	--	--
35	--	--	--	--	--	--	--	--	--	--	--	--	--
36	--	--	--	--	--	--	--	--	--	--	--	--	--

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
37	1.65	--	0.591	--	0.158	--	0.882	--	15.6	--	4.72	--	0.197
38	--	14.3	--	4.05	--	1.26	--	0.251	--	4.30	--	0.609	--
39	--	--	--	--	--	--	--	--	--	--	--	--	--
40	--	--	--	--	--	--	--	--	--	--	--	--	--
41													
42													
43													
44													
45	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409
46													
47	($\mu\text{g}/\text{m}^3$)												
48	0.237	0.0409	0.0409	0.598	0.0947	0.293	0.157	0.215	1.38	0.202	0.398	0.0409	0.0409
49	0.0409	0.918	1.66	0.349	0.0409	0.155	0.101	0.371	3.29	0.439	0.114	0.286	0.202
50	0.264	0.239	0.134	0.349	0.0409	3.29	0.322	0.131	0.237	0.347	0.309	0.258	0.162
51	0.307	0.0409	0.316	10.8	0.0821	1.75	9.49	7.48	0.208	0.233	0.0409	0.495	0.222
52	1.57	0.672	0.517	1.51	0.262	19.3	0.954	0.383	17.3	0.725	3.98	0.178	0.239
53	0.0409	14.2	13.1	4.10	0.280	1.11	0.133	0.228	26.4	5.04	0.0409	0.745	0.150
54	0.727	0.119	0.151	1.07	0.0409	1.65	0.129	0.160	5.35	0.275	1.32	0.0409	0.298
55	0.0409	0.107	0.144	2.21	0.114	0.813	3.71	1.40	0.174	0.213	0.0886	0.244	0.0409
56													
57													
58													
59													
60													
61	1.65		0.591		0.158		0.882		15.6		4.72		0.197
62		14.3		4.05		1.26		0.251		4.30		0.609	
63													
64													
65													
66													
67	RPD												
68													
69	--	--	--	--	--	--	--	--	--	--	--	--	--
70	--	--	--	--	--	--	--	--	--	--	--	--	--
71	--	--	--	--	--	--	--	--	--	--	--	--	--
72	--	--	--	--	--	--	--	--	--	--	--	--	--

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
73	5.1%	--	13.4%	--	NA	--	7.9%	--	10.5%	--	17.0%	--	NA
74	--	0.6%	--	1.3%	--	13.1%	--	9.8%	--	15.9%	--	20.0%	--
75	--	--	--	--	--	--	--	--	--	--	--	--	--
76	--	--	--	--	--	--	--	--	--	--	--	--	--
77	5.1%	0.6%	13.4%	1.3%	NA	13.1%	7.9%	9.8%	10.5%	15.9%	17.0%	20.0%	NA
78	3.6%	0.4%	9.5%	0.9%	NA	9.3%	5.6%	6.9%	7.4%	11.2%	12.1%	14.2%	NA
79													
80													
81													
82													
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
101													
102													
103													
104													
105													

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV
1	20-Feb-19	21-Feb-19	22-Feb-19	23-Feb-19	26-Feb-19	1-Mar-19	4-Mar-19	7-Mar-19	10-Mar-19	13-Mar-19	16-Mar-19	19-Mar-19	22-Mar-19
2	21-Feb-19	22-Feb-19	23-Feb-19	24-Feb-19	27-Feb-19	2-Mar-19	5-Mar-19	8-Mar-19	11-Mar-19	14-Mar-19	17-Mar-19	20-Mar-19	23-Mar-19
3	(ppbv)												
4	0.0819			INVALID	ND	0.0805	0.0684	ND	0.0539	0.218			0.119
5	ND			0.0907	ND	ND	ND	0.051	0.0944	0.136			0.0451
6	ND			0.156	0.104	0.0693	0.0674	ND	0.0563	0.0770			0.0456
7	ND			0.0990	0.0467	0.0788	ND	0.091	0.0447	0.121			0.0439
8	0.144	0.0795	0.0682	0.0708	0.0917	ND	0.0892	0.055	0.131	0.113			0.0755
9	0.0877	ND	0.0670	0.0733	0.0656	0.0571	ND	0.053	0.0417	0.0676			0.0311
10	ND			0.0915	0.0631	ND	0.0623	0.062	0.111	0.108			0.0207
11	0.0613			0.0947	ND	0.0817	0.0599	0.068	0.135	0.0813			0.114
12													
13	--	--	--	--	--	--	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--	--	--	--	--	--	--
17	--	--	0.12	--	ND	--	0.0377	--	0.113	--	--		0.0501
18	0.109	ND	--	ND	--	0.0798	--	0.0468	--	0.133	--	--	--
19	--	--	--	--	--	--	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--	--	--	--	--	--	--
21													
22													
23	($\mu\text{g}/\text{m}^3$)												
24	0.148			INVALID	ND	0.145	0.124	ND	0.0974	0.394			0.215
25	ND			0.164	ND	ND	ND	0.0925	0.171	0.246			0.0815
26	ND			0.282	0.188	0.125	0.122	ND	0.102	0.139			0.0824
27	ND			0.179	0.0844	0.142	ND	0.165	0.0808	0.219			0.0793
28	0.260	0.144	0.123	0.128	0.166	ND	0.161	0.0990	0.237	0.204			0.136
29	0.159	ND	0.121	0.132	0.119	0.103	ND	0.0960	0.0754	0.122			0.0562
30	ND			0.165	0.114	ND	0.113	0.112	0.201	0.195			0.0374
31	0.111			0.171	ND	0.148	0.108	0.122	0.244	0.147			0.206
32													
33	--	--	--	--	--	--	--	--	--	--	--	--	--
34	--	--	--	--	--	--	--	--	--	--	--	--	--
35	--	--	--	--	--	--	--	--	--	--	--	--	--
36	--	--	--	--	--	--	--	--	--	--	--	--	--

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV
37	--	--	0.217	--	ND	--	0.0681	--	0.2042	--	--	0.0905	--
38	0.197	ND	--	ND	--	0.144	--	0.0846	--	0.2404	--	--	--
39	--	--	--	--	--	--	--	--	--	--	--	--	--
40	--	--	--	--	--	--	--	--	--	--	--	--	--
41													
42													
43													
44													
45	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0307	0.0183	0.0183	0.0183	0.0183	0.0183
46													
47	($\mu\text{g}/\text{m}^3$)												
48	0.148				0.0409	0.145	0.124	0.0307	0.0974	0.394		0.215	
49	0.0409				0.164	0.0409	0.0409	0.0409	0.0925	0.171	0.246		0.0815
50	0.0409				0.282	0.188	0.125	0.122	0.0307	0.102	0.139		0.0824
51	0.0409				0.179	0.0844	0.142	0.0409	0.165	0.0808	0.219		0.0793
52	0.260	0.144	0.123	0.128	0.166	0.0409	0.161	0.0990	0.237	0.204			0.136
53	0.159	0.0409	0.121	0.132	0.119	0.103	0.0409	0.0960	0.0754	0.122			0.0562
54	0.0409				0.165	0.114	0.0409	0.113	0.112	0.201	0.195		0.0374
55	0.111				0.171	0.0409	0.148	0.108	0.122	0.244	0.147		0.206
56													
57													
58													
59													
60													
61		0.217		0.0409		0.0409			0.204				0.0905
62	0.197	0.0409		0.0409		0.144		0.0846		0.240			
63													
64													
65													
66													
67	RPD												
68													
69	--	--	--	--	--	--	--	--	--	--	--	--	--
70	--	--	--	--	--	--	--	--	--	--	--	--	--
71	--	--	--	--	--	--	--	--	--	--	--	--	--
72	--	--	--	--	--	--	--	--	--	--	--	--	--

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV
73	--	--	NA	--	NA	--	NA	--	NA	--	--	NA	--
74	NA	NA	--	--	--								
75	--	--	--	--	--	--	--	--	--	--	--	--	--
76	--	--	--	--	--	--	--	--	--	--	--	--	--
77	NA		NA										
78	NA		NA										
79													
80													
81													
82													
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
101													
102													
103													
104													
105													

	AW	AX	AY	AZ	BA	BB	BC	BD	BE
1	25-Mar-19	28-Mar-19	31-Mar-19	3-Apr-19	6-Apr-19	9-Apr-19	12-Apr-19	15-Apr-19	18-Apr-19
2	26-Mar-19	29-Mar-19	1-Apr-19	4-Apr-19	7-Apr-19	10-Apr-19	13-Apr-19	16-Apr-19	19-Apr-19
3	(ppbv)								
4									
5									
6									
7									
8									
9									
10									
11									
12									
13	--	--	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--	--	--
17	--	--	--	--	--	--	--	--	--
18	--	--	--	--	--	--	--	--	--
19	--	--	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--	--	--
21									
22									
23	(µg/m ³)								
24									
25									
26									
27									
28									
29									
30									
31									
32									
33	--	--	--	--	--	--	--	--	--
34	--	--	--	--	--	--	--	--	--
35	--	--	--	--	--	--	--	--	--
36	--	--	--	--	--	--	--	--	--

	AW	AX	AY	AZ	BA	BB	BC	BD	BE
37	--	--	--	--	--	--	--	--	--
38	--	--	--	--	--	--	--	--	--
39	--	--	--	--	--	--	--	--	--
40	--	--	--	--	--	--	--	--	--
41									
42									
43									
44									
45	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183	0.0183
46									
47	($\mu\text{g}/\text{m}^3$)								
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61									
62									
63									
64									
65									
66									
67	RPD								
68									
69	--	--	--	--	--	--	--	--	--
70	--	--	--	--	--	--	--	--	--
71	--	--	--	--	--	--	--	--	--
72	--	--	--	--	--	--	--	--	--

	AW	AX	AY	AZ	BA	BB	BC	BD	BE
73	--	--	--	--	--	--	--	--	--
74	--	--	--	--	--	--	--	--	--
75	--	--	--	--	--	--	--	--	--
76	--	--	--	--	--	--	--	--	--
77									
78									
79									
80									
81									
82									
83									
84									
85									
86									
87									
88									
89									
90									
91									
92									
93									
94									
95									
96									
97									
98									
99									
100									
101									
102									
103									
104									
105									

SAMPLENAME	LABSAMPID	SAMPDATE	PREPDATE	ANADATE	ANALYTE	CASNUMBER
WB Trip Blank	8111508-04	11/14/2018	11/14/2018	11/27/2018	Ethylene oxide	75-21-8
Trip Blank	8121130-10	12/6/2018	12/6/2018	12/28/2018	Ethylene oxide	75-21-8
Trip Blank	8121821-02	12/14/2018	12/14/2018	12/28/2018	Ethylene oxide	75-21-8
WB Trip Blank	9012401-10	1/23/2019	1/23/2019	2/1/2019	Ethylene oxide	75-21-8
Trip Blank	9020508-07	2/2/2019	2/2/2019	2/13/2019	Ethylene oxide	75-21-8
WB Trip Blank	9022202-10	2/20/2019	2/20/2019	3/1/2019	Ethylene oxide	75-21-8
Trip Blank	9022616-15	2/24/2019	2/27/2019	3/1/2019	Ethylene oxide	75-21-8
Trip Blank	9030101-10	2/26/2019	2/26/2019	3/6/2019	Ethylene oxide	75-21-8
Trip Blank	9031131-01	3/8/2019	3/14/2019	3/18/2019	Ethylene oxide	75-21-8

RESULT	ANOTE	DL	UNITS	LABNAME
ND	U	0.0453	ppbv	Eastern Research Group
ND	A-01	0.0453	ppbv	Eastern Research Group
ND	U	0.0453	ppbv	Eastern Research Group
ND	U	0.0453	ppbv	Eastern Research Group
ND	U	0.0453	ppbv	Eastern Research Group
ND	U	0.0453	ppbv	Eastern Research Group
ND	U	0.0453	ppbv	Eastern Research Group
ND	U	0.0614	ppbv	Eastern Research Group
ND	U	0.0366	ppbv	Eastern Research Group

COMMENT

Trip Blank passed blank criteria; standard dilution system air used to fill trip blank appears to have small amount of TO-15

QC DATA

	A	B	C	D	E	F	G
1	SOURCEID	QCTYPE	PREPDATE	ANADATE	ANALYTE	RESULT	ANOTE
2	8112012-02	Replicate	11/17/2018	11/27/2018	Ethylene oxide	0.999	
3	8112012-03	Replicate	11/17/2018	11/27/2018	Ethylene oxide	1.03	
4	8112113-01	Replicate	11/20/2018	11/27/2018	Ethylene oxide	3.37	
5	8112113-02	Replicate	11/20/2018	11/27/2018	Ethylene oxide	3.4	
6	B8K2604-BLK1	Blank	11/20/2018	11/26/2018	Ethylene oxide	ND	U
7	B8K2704-BLK1	Blank	11/20/2018	11/27/2018	Ethylene oxide	ND	U
8	1811061-CCV1	Calibration Check	11/26/2018	11/26/2018	Ethylene oxide	2.79	
9	1811063-CCV1	Calibration Check	11/27/2018	11/27/2018	Ethylene oxide	2.74	
10	8112702-07	Replicate	11/24/2018	11/30/2018	Ethylene oxide	ND	U
11	B8K2905-BLK1	Blank	11/26/2018	11/29/2018	Ethylene oxide	ND	U
12	1811073-CCV1	Calibration Check	11/29/2018	11/29/2018	Ethylene oxide	2.67	
13	8120321-02	Replicate	11/29/2018	12/20/2018	Ethylene oxide	0.584	
14	8120321-01	Replicate	11/29/2018	12/20/2018	Ethylene oxide	0.137	
15	B8L2003-BLK1	Blank	12/13/2018	12/20/2018	Ethylene oxide	ND	U
16	1812045-CCV1	Calibration Check	12/20/2018	12/20/2018	Ethylene oxide	2.06	
17	8120701-08	Replicate	12/2/2018	12/22/2018	Ethylene oxide	0.93	
18	8120701-09	Replicate	12/2/2018	12/22/2018	Ethylene oxide	1.02	
19	B8L2103-BLK1	Blank	12/18/2018	12/21/2018	Ethylene oxide	ND	U
20	1812046-CCV1	Calibration Check	12/21/2018	12/21/2018	Ethylene oxide	2.1	
21	8121130-01	Replicate	12/7/2018	12/27/2018	Ethylene oxide	6.36	
22	8121130-02	Replicate	12/7/2018	12/27/2018	Ethylene oxide	6.2	
23	8121130-12	Replicate	12/8/2018	12/28/2018	Ethylene oxide	0.413	
24	8121130-13	Replicate	12/8/2018	12/28/2018	Ethylene oxide	0.465	
25	8121220-08	Replicate	12/11/2018	12/27/2018	Ethylene oxide	0.117	
26	8121220-09	Replicate	12/11/2018	12/27/2018	Ethylene oxide	0.211	
27	8121821-03	Replicate	12/14/2018	12/28/2018	Ethylene oxide	1.05	
28	8121821-04	Replicate	12/14/2018	12/28/2018	Ethylene oxide	1.13	
29	8121821-10	Replicate	12/17/2018	1/3/2019	Ethylene oxide	1.15	
30	8121821-17	Replicate	12/17/2018	1/3/2019	Ethylene oxide	1.07	
31	8122101-01	Replicate	12/20/2018	1/3/2019	Ethylene oxide	0.215	
32	8122101-07	Replicate	12/20/2018	1/3/2019	Ethylene oxide	0.249	
33	8122701-03	Replicate	12/23/2018	1/4/2019	Ethylene oxide	1.69	
34	8122701-04	Replicate	12/23/2018	1/4/2019	Ethylene oxide	1.56	
35	8122801-08	Replicate	12/27/2018	1/5/2019	Ethylene oxide	6.1	
36	8122801-09	Replicate	12/27/2018	1/5/2019	Ethylene oxide	6.1	
37		Blank	12/18/2018	12/26/2018	Ethylene oxide	ND	U
38		Blank	12/18/2018	12/27/2018	Ethylene oxide	ND	U
39		Blank	12/18/2018	12/28/2018	Ethylene oxide	ND	U
40		Blank	12/18/2018	1/2/2019	Ethylene oxide	ND	U
41		Blank	12/28/2018	1/3/2019	Ethylene oxide	ND	U
42		Blank	12/28/2018	1/4/2019	Ethylene oxide	ND	U
43		Calibration Check	12/21/2018	12/21/2018	Ethylene oxide	2.1	
44		Calibration Check	12/26/2018	12/26/2018	Ethylene oxide	2.01	
45		Calibration Check	12/27/2018	12/27/2018	Ethylene oxide	1.82	
46		Calibration Check	12/28/2018	12/28/2018	Ethylene oxide	1.79	
47		Calibration Check	1/2/2019	1/2/2019	Ethylene oxide	1.84	
48		Calibration Check	1/3/2019	1/3/2019	Ethylene oxide	1.93	
49		Calibration Check	1/4/2019	1/4/2019	Ethylene oxide	1.99	
50	8123125-05	Replicate	12/29/2018	1/8/2019	Ethylene oxide	0.686	
51	8123125-06	Replicate	12/29/2018	1/8/2019	Ethylene oxide	0.647	

QCDATA

	A	B	C	D	E	F	G
52		Blank	12/28/2018	1/4/2019	Ethylene oxide	ND	U
53		Blank	1/3/2019	1/8/2019	Ethylene oxide	ND	U
54		Calibration Check	1/4/2019	1/4/2019	Ethylene oxide	1.99	
55		Calibration Check	1/8/2019	1/8/2019	Ethylene oxide	2.49	
56	9010401-04	Replicate	1/3/2019	1/15/2019	Ethylene oxide	0.229	
57	9010401-09	Replicate	1/3/2019	1/15/2019	Ethylene oxide	0.171	
58		Blank	1/11/2019	1/15/2019	Ethylene oxide	ND	U
59		Calibration Check	1/15/2019	1/15/2019	Ethylene oxide	2.24	
60	9010716-05	Replicate	1/4/2019	1/17/2019	Ethylene oxide	0.208	
61	9010808-05	Replicate	1/4/2019	1/17/2019	Ethylene oxide	0.168	
62	9010808-06	Replicate	1/7/2019	1/17/2019	Ethylene oxide	4.04	
63	9010808-07	Replicate	1/7/2019	1/17/2019	Ethylene oxide	3.84	
64	9011101-07	Replicate	1/10/2019	1/18/2019	Ethylene oxide	0.437	
65	9011101-08	Replicate	1/10/2019	1/18/2019	Ethylene oxide	0.347	
66	9011527-01	Replicate	1/13/2019	1/18/2019	Ethylene oxide	0.952	
67	9011527-02	Replicate	1/13/2019	1/18/2019	Ethylene oxide	0.962	
68	9011701-08	Replicate	1/16/2019	1/23/2019	Ethylene oxide	8.02	
69	9011701-09	Replicate	1/16/2019	1/23/2019	Ethylene oxide	7.73	
70	9012221-08	Replicate	1/18/2019	1/24/2019	Ethylene oxide	0.246	
71	9012221-09	Replicate	1/18/2019	1/24/2019	Ethylene oxide	0.321	
72		Blank	1/11/2019	1/15/2019	Ethylene oxide	ND	U
73		Blank	1/14/2019	1/16/2019	Ethylene oxide	ND	U
74		Blank	1/14/2019	1/17/2019	Ethylene oxide	ND	U
75		Blank	1/14/2019	1/18/2019	Ethylene oxide	ND	U
76		Blank	1/16/2019	1/23/2019	Ethylene oxide	ND	U
77		Calibration Check	1/15/2019	1/15/2019	Ethylene oxide	2.24	
78		Calibration Check	1/16/2019	1/16/2019	Ethylene oxide	2.38	
79		Calibration Check	1/17/2019	1/17/2019	Ethylene oxide	2.53	
80		Calibration Check	1/18/2019	1/18/2019	Ethylene oxide	2.39	
81		Calibration Check	1/23/2019	1/23/2019	Ethylene oxide	1.85	
82	9012401-04	Replicate	1/23/2019	1/31/2019	Ethylene oxide	2.14	
83	9012401-05	Replicate	1/23/2019	1/31/2019	Ethylene oxide	2.21	
84	9012816-04	Replicate	1/25/2019	2/1/2019	Ethylene oxide	0.164	
85	9012816-05	Replicate	1/25/2019	2/1/2019	Ethylene oxide	0.055	
86	9013003-06	Replicate	1/28/2019	2/2/2019	Ethylene oxide	0.678	
87	9013003-07	Replicate	1/28/2019	2/2/2019	Ethylene oxide	0.658	
88	9020508-03	Replicate	2/2/2019	2/7/2019	Ethylene oxide	0.563	
89	9020508-13	Replicate	2/3/2019	2/13/2019	Ethylene oxide	0.129	
90	9020508-14	Replicate	2/3/2019	2/13/2019	Ethylene oxide	0.154	
91	9020508-19	Replicate	2/2/2019	2/7/2019	Ethylene oxide	0.498	
92	9020702-03	Replicate	2/6/2019	2/14/2019	Ethylene oxide	8.66	
93	9020702-04	Replicate	2/6/2019	2/14/2019	Ethylene oxide	9.31	
94	9021313-06	Replicate	2/9/2019	2/15/2019	Ethylene oxide	2.67	
95	9021313-07	Replicate	2/9/2019	2/15/2019	Ethylene oxide	2.33	
96		Blank	1/25/2019	1/31/2019	Ethylene oxide	ND	U
97		Blank	1/31/2019	2/1/2019	Ethylene oxide	ND	U
98		Blank	2/6/2019	2/7/2019	Ethylene oxide	ND	U
99		Blank	2/6/2019	2/13/2019	Ethylene oxide	ND	U
100		Blank	2/14/2019	2/15/2019	Ethylene oxide	ND	U
101		Calibration Check	1/31/2019	1/31/2019	Ethylene oxide	1.96	
102		Calibration Check	2/1/2019	2/1/2019	Ethylene oxide	1.94	

QC DATA

	A	B	C	D	E	F	G
103		Calibration Check	2/7/2019	2/7/2019	Ethylene oxide	1.96	
104		Calibration Check	2/13/2019	2/13/2019	Ethylene oxide	2.5	
105		Calibration Check	2/15/2019	2/15/2019	Ethylene oxide	2.21	
106	9021401-03	Replicate	2/12/2019	2/16/2019	Ethylene oxide	2.32	
107	9021401-04	Replicate	2/12/2019	2/16/2019	Ethylene oxide	2.68	
108		Blank	2/14/2019	2/15/2019	Ethylene oxide	ND	U
109		Blank	2/14/2019	2/19/2019	Ethylene oxide	ND	U
110		Calibration Check	2/15/2019	2/15/2019	Ethylene oxide	2.21	
111		Calibration Check	2/19/2019	2/19/2019	Ethylene oxide	2.3	
112	9022025-07	Replicate	2/15/2019	2/23/2019	Ethylene oxide	0.315	
113	9022025-08	Replicate	2/15/2019	2/23/2019	Ethylene oxide	0.393	
114	9022202-02	Replicate	2/20/2019	2/25/2019	Ethylene oxide	0.11	
115	9022202-03	Replicate	2/20/2019	2/25/2019	Ethylene oxide	0.116	
116	9022202-18	Replicate	2/21/2019	2/27/2019	Ethylene oxide	0.109	
117	9022202-19	Replicate	2/21/2019	2/27/2019	Ethylene oxide	0.108	
118	9022616-01	Replicate	2/22/2019	2/27/2019	Ethylene oxide	ND	U
119	9022616-02	Replicate	2/22/2019	2/27/2019	Ethylene oxide	ND	U
120	9022616-04	Replicate	2/23/2019	2/28/2019	Ethylene oxide	0.0779	
121	9022616-05	Replicate	2/23/2019	2/28/2019	Ethylene oxide	0.113	
122	9022616-09	Replicate	2/24/2019	2/28/2019	Ethylene oxide	0.0952	
123	9022616-10	Replicate	2/24/2019	2/28/2019	Ethylene oxide	0.048	
124	9022616-14	Replicate	2/24/2019	2/28/2019	Ethylene oxide	0.0792	
125	9030101-07	Replicate	2/27/2019	3/2/2019	Ethylene oxide	0.0945	
126	9030101-08	Replicate	2/27/2019	3/2/2019	Ethylene oxide	0.0645	
127		Blank	2/21/2019	2/22/2019	Ethylene oxide	ND	U
128		Blank	2/21/2019	2/25/2019	Ethylene oxide	ND	U
129		Blank	2/25/2019	2/27/2019	Ethylene oxide	ND	U
130		Blank	2/25/2019	2/28/2019	Ethylene oxide	ND	U
131		Blank	2/25/2019	3/1/2019	Ethylene oxide	ND	U
132		Calibration Check	2/22/2019	2/22/2019	Ethylene oxide	2.07	
133		Calibration Check	2/25/2019	2/25/2019	Ethylene oxide	2.08	
134		Calibration Check	2/27/2019	2/27/2019	Ethylene oxide	1.88	
135		Calibration Check	2/28/2019	2/28/2019	Ethylene oxide	1.99	
136		Calibration Check	3/1/2019	3/1/2019	Ethylene oxide	1.96	
137	9030524-07	Replicate	3/2/2019	3/6/2019	Ethylene oxide	0.0693	
138	9030524-08	Replicate	3/2/2019	3/6/2019	Ethylene oxide	0.0992	
139	9030618-04	Replicate	3/5/2019	3/6/2019	Ethylene oxide	0.0631	
140	9030618-05	Replicate	3/5/2019	3/7/2019	Ethylene oxide	0.033	U
141		Blank	3/4/2019	3/5/2019	Ethylene oxide	ND	U
142		Blank	3/4/2019	3/6/2019	Ethylene oxide	ND	U
143		Calibration Check	3/1/2019	3/1/2019	Ethylene oxide	1.96	
144		Calibration Check	3/5/2019	3/5/2019	Ethylene oxide	1.79	
145		Calibration Check	3/6/2019	3/6/2019	Ethylene oxide	1.85	
146	9031131-03	Replicate	3/8/2019	3/12/2019	Ethylene oxide	0.0984	
147	9031131-04	Replicate	3/8/2019	3/12/2019	Ethylene oxide	ND	U
148	9031220-02	Replicate	3/11/2019	3/13/2019	Ethylene oxide	0.118	
149	9031220-03	Replicate	3/11/2019	3/13/2019	Ethylene oxide	0.0969	
150	9031501-04	Replicate	3/14/2019	3/19/2019	Ethylene oxide	0.0484	
151	9031501-05	Replicate	3/14/2019	3/19/2019	Ethylene oxide	0.118	
152	9032106-08	Replicate	3/20/2019	3/22/2019	Ethylene oxide	0.0749	
153	9032106-09	Replicate	3/20/2019	3/22/2019	Ethylene oxide	0.0385	U

QCDATA

	A	B	C	D	E	F	G
154		Blank	3/11/2019	3/12/2019	Ethylene oxide	ND	U
155		Blank	3/13/2019	3/13/2019	Ethylene oxide	ND	U
156		Blank	3/18/2019	3/18/2019	Ethylene oxide	ND	U
157		Blank	3/21/2019	3/21/2019	Ethylene oxide	ND	U
158		Calibration Check	3/12/2019	3/12/2019	Ethylene oxide	1.96	
159		Calibration Check	3/13/2019	3/13/2019	Ethylene oxide	2.36	
160		Calibration Check	3/18/2019	3/18/2019	Ethylene oxide	2.23	
161		Calibration Check	3/21/2019	3/21/2019	Ethylene oxide	2.38	
162							
163							
164							
165							
166							

QC DATA

	H	I	J	K	L	M	N
1	SOURCERES	SPIKELEVEL	RECOVERY	RPD		DL	UNITS
2		1		0.06		0.0453	ppbv
3		1		2.4		0.0453	ppbv
4		3.38		0.329		0.0453	ppbv
5		3.49		2.42		0.0453	ppbv
6						0.0453	ppbv
7						0.0453	ppbv
8		2.55	110				ppbv
9		2.5	110				ppbv
10	ND					0.0453	ppbv
11						0.0453	ppbv
12		2.5	107				ppbv
13	0.631			7.8		0.0453	ppbv
14	0.137			0		0.0453	ppbv
15						0.0453	ppbv
16		2.5	82.3				ppbv
17	0.931			1.14		0.0453	ppbv
18	1.05			2.87		0.0453	ppbv
19						0.0453	ppbv
20		2.5	83.9				ppbv
21	6.48			1.89		0.0453	ppbv
22	5.81			6.38		0.0453	ppbv
23	0.408			1.22		0.0453	ppbv
24	0.455			2.24		0.0453	ppbv
25	0.149			24		0.0453	ppbv
26	0.223			5.54		0.0453	ppbv
27	1.13			7.17		0.0453	ppbv
28	1.18			4.72		0.0453	ppbv
29	1.17			1.17		0.0453	ppbv
30	1.21			11.9		0.0453	ppbv
31	0.187			13.8		0.0453	ppbv
32	0.288			14.5		0.0453	ppbv
33	1.71			0.824		0.0453	ppbv
34	1.42			9.48		0.0453	ppbv
35	5.99			1.87		0.0453	ppbv
36	5.82			4.69		0.0453	ppbv
37						0.0453	ppbv
38						0.0453	ppbv
39						0.0453	ppbv
40						0.0453	ppbv
41						0.0453	ppbv
42						0.0453	ppbv
43		2.5	83.9				ppbv
44		2.5	80.6				ppbv
45		2.5	72.9				ppbv
46		2.5	71.7				ppbv
47		2.5	73.5				ppbv
48		2.5	77.3				ppbv
49		2.5	79.8				ppbv
50	0.788			13.8		0.0453	ppbv
51	0.658			1.59		0.0453	ppbv

QC DATA

	H	I	J	K	L	M	N
52						0.0453	ppbv
53						0.0453	ppbv
54		2.5	79.8				ppbv
55		2.5	99.6				ppbv
56	0.219			4.6		0.0453	ppbv
57	0.131			26		0.0453	ppbv
58						0.0453	ppbv
59		2.5	89.6				ppbv
60	0.142			37.8		0.0453	ppbv
61	0.206			20.4		0.0453	ppbv
62	4.2			3.94		0.0453	ppbv
63	3.66			4.78		0.0453	ppbv
64	0.362			18.9		0.0453	ppbv
65	0.379			8.78		0.0453	ppbv
66	0.866			9.47		0.0453	ppbv
67	0.911			5.36		0.0453	ppbv
68	7.86			2.02		0.0453	ppbv
69	7.91			2.42		0.0453	ppbv
70	0.286			15.1		0.0453	ppbv
71	0.327			1.82		0.0453	ppbv
72						0.0453	ppbv
73						0.0453	ppbv
74						0.0453	ppbv
75						0.0453	ppbv
76						0.0453	ppbv
77		2.5	89.6				ppbv
78		2.5	95.3				ppbv
79		2.5	101				ppbv
80		2.5	95.6				ppbv
81		2.5	74.2				ppbv
82	2.27			6.24		0.0453	ppbv
83	2.24			1.16		0.0453	ppbv
84	0.145			12.2		0.0453	ppbv
85	0.0873			45.4		0.0453	ppbv
86	0.612			10.3		0.0453	ppbv
87	0.698			5.89		0.0453	ppbv
88	0.528			6.36		0.0453	ppbv
89	0.126			2.28		0.0453	ppbv
90	0.139			9.96		0.0453	ppbv
91	0.488			2.15		0.0453	ppbv
92	9.56			9.89		0.0453	ppbv
93	8.61			7.81		0.0453	ppbv
94	2.79			4.47		0.0453	ppbv
95	2.38			2.12		0.0453	ppbv
96						0.0453	ppbv
97						0.0453	ppbv
98						0.0453	ppbv
99						0.0453	ppbv
100						0.0453	ppbv
101		2.5	78.3				ppbv
102		2.5	77.7				ppbv

QC DATA

	H	I	J	K	L	M	N
103		2.5	78.4			ppbv	
104		2.5	100			ppbv	
105		2.5	88.6			ppbv	
106	2.2			5.38	0.0453	ppbv	
107	2.61			2.67	0.0453	ppbv	
108					0.0453	ppbv	
109					0.0453	ppbv	
110		2.5	88.6			ppbv	
111		2.5	92.1			ppbv	
112	0.337			6.5	0.0453	ppbv	
113	0.412			4.65	0.0453	ppbv	
114	0.132			17.8	0.0453	ppbv	
115	0.109			5.42	0.0453	ppbv	
116	0.0877			21.7	0.0453	ppbv	
117	0.109			0.735	0.0453	ppbv	
118	ND				0.0453	ppbv	
119	ND				0.0453	ppbv	
120	0.0682			13.3	0.0453	ppbv	
121	0.12			5.66	0.0453	ppbv	
122	0.0733			26	0.0453	ppbv	
123	ND				0.0453	ppbv	
124	0.0708			11.2	0.0453	ppbv	
125	0.0917			3.01	0.0453	ppbv	
126	ND				0.0453	ppbv	
127					0.0453	ppbv	
128					0.0453	ppbv	
129					0.0453	ppbv	
130					0.0453	ppbv	
131					0.0453	ppbv	
132		2.5	82.8			ppbv	
133		2.5	83.2			ppbv	
134		2.5	75.1			ppbv	
135		2.5	79.7			ppbv	
136		2.5	78.3			ppbv	
137	ND				0.0614	ppbv	
138	0.0798			21.7	0.0614	ppbv	
139	0.0892			34.3	0.0614	ppbv	
140	ND				0.0614	ppbv	
141					0.0614	ppbv	
142					0.0614	ppbv	
143		2.5	78.3			ppbv	
144		2.5	71.7			ppbv	
145		2.5	74.1			ppbv	
146	ND				0.0614	ppbv	
147	ND				0.0614	ppbv	
148	0.131			11	0.0366	ppbv	
149	0.113			15.7	0.0366	ppbv	
150	0.0676			33.1	0.0366	ppbv	
151	0.133			12.2	0.0366	ppbv	
152	0.0755			0.798	0.0614	ppbv	
153	ND				0.0614	ppbv	

QCDATA

	H	I	J	K	L	M	N
154						0.0614	ppbv
155						0.0366	ppbv
156						0.0366	ppbv
157						0.0614	ppbv
158		2.5	78.6				ppbv
159		2.5	94.2				ppbv
160		2.5	89.2				ppbv
161		2.5	95.2				ppbv
162							
163							
164							
165							
166			Average Replicate RPD	9.246567568			

O	P
1	LABNAME
2	Eastern Research Group
3	Eastern Research Group
4	Eastern Research Group
5	Eastern Research Group
6	Eastern Research Group
7	Eastern Research Group
8	Eastern Research Group
9	Eastern Research Group
10	Eastern Research Group
11	Eastern Research Group
12	Eastern Research Group
13	Eastern Research Group
14	Eastern Research Group
15	Eastern Research Group
16	Eastern Research Group
17	Eastern Research Group
18	Eastern Research Group
19	Eastern Research Group
20	Eastern Research Group
21	Eastern Research Group
22	Eastern Research Group
23	Eastern Research Group
24	Eastern Research Group
25	Eastern Research Group
26	Eastern Research Group
27	Eastern Research Group
28	Eastern Research Group
29	Eastern Research Group
30	Eastern Research Group
31	Eastern Research Group
32	Eastern Research Group
33	Eastern Research Group
34	Eastern Research Group
35	Eastern Research Group
36	Eastern Research Group
37	Eastern Research Group
38	Eastern Research Group
39	Eastern Research Group
40	Eastern Research Group
41	Eastern Research Group
42	Eastern Research Group
43	Eastern Research Group
44	Eastern Research Group
45	Eastern Research Group
46	Eastern Research Group
47	Eastern Research Group
48	Eastern Research Group
49	Eastern Research Group
50	Eastern Research Group
51	Eastern Research Group

O	P
52	Eastern Research Group
53	Eastern Research Group
54	Eastern Research Group
55	Eastern Research Group
56	Eastern Research Group
57	Eastern Research Group
58	Eastern Research Group
59	Eastern Research Group
60	Eastern Research Group
61	Eastern Research Group
62	Eastern Research Group
63	Eastern Research Group
64	Eastern Research Group
65	Eastern Research Group
66	Eastern Research Group
67	Eastern Research Group
68	Eastern Research Group
69	Eastern Research Group
70	Eastern Research Group
71	Eastern Research Group
72	Eastern Research Group
73	Eastern Research Group
74	Eastern Research Group
75	Eastern Research Group
76	Eastern Research Group
77	Eastern Research Group
78	Eastern Research Group
79	Eastern Research Group
80	Eastern Research Group
81	Eastern Research Group
82	Eastern Research Group
83	Eastern Research Group
84	Eastern Research Group
85	Eastern Research Group
86	Eastern Research Group
87	Eastern Research Group
88	Eastern Research Group
89	Eastern Research Group
90	Eastern Research Group
91	Eastern Research Group
92	Eastern Research Group
93	Eastern Research Group
94	Eastern Research Group
95	Eastern Research Group
96	Eastern Research Group
97	Eastern Research Group
98	Eastern Research Group
99	Eastern Research Group
100	Eastern Research Group
101	Eastern Research Group
102	Eastern Research Group

O	P
103	Eastern Research Group
104	Eastern Research Group
105	Eastern Research Group
106	Eastern Research Group
107	Eastern Research Group
108	Eastern Research Group
109	Eastern Research Group
110	Eastern Research Group
111	Eastern Research Group
112	Eastern Research Group
113	Eastern Research Group
114	Eastern Research Group
115	Eastern Research Group
116	Eastern Research Group
117	Eastern Research Group
118	Eastern Research Group
119	Eastern Research Group
120	Eastern Research Group
121	Eastern Research Group
122	Eastern Research Group
123	Eastern Research Group
124	Eastern Research Group
125	Eastern Research Group
126	Eastern Research Group
127	Eastern Research Group
128	Eastern Research Group
129	Eastern Research Group
130	Eastern Research Group
131	Eastern Research Group
132	Eastern Research Group
133	Eastern Research Group
134	Eastern Research Group
135	Eastern Research Group
136	Eastern Research Group
137	Eastern Research Group
138	Eastern Research Group
139	Eastern Research Group
140	Eastern Research Group
141	Eastern Research Group
142	Eastern Research Group
143	Eastern Research Group
144	Eastern Research Group
145	Eastern Research Group
146	Eastern Research Group
147	Eastern Research Group
148	Eastern Research Group
149	Eastern Research Group
150	Eastern Research Group
151	Eastern Research Group
152	Eastern Research Group
153	Eastern Research Group

	O	P
154		Eastern Research Group
155		Eastern Research Group
156		Eastern Research Group
157		Eastern Research Group
158		Eastern Research Group
159		Eastern Research Group
160		Eastern Research Group
161		Eastern Research Group
162		
163		
164		
165		
166		

LNOTE

QUALIFIER
U
A-01

LNOTE

DESCRIPTION
Under Detection Limit
Trip Blank passed blank criteria; standard dilution system air used to fill trip blank appears to have small amount of TO-15